

Docket No. JIIL07
Application No. 10/783,527

IN THE CLAIMS

1. (currently amended) A plastic optical fiber bundle ~~with pitched illumination decorations comprising a plurality of having a single plastic optical fibers, each having an inner core layer and an outer layer, the surface of said plastic optical fiber being destructed in a pitched manner with a special mold before said plastic optical fiber forwarded to the cooling area, wherein an the outer layer of said plastic optical fiber is distributed with pitched destructions formed with a plurality of depressions for producing a light leak effect, the depressions do not extend into the~~ based on an appropriate unit and only the out layer of said plastic optical fiber is destructed without affecting any inner core layer of said plastic optical fiber; a plural of separate plastic optical fibers with pitched destructions form said plastic optical fiber bundle with pitched illumination decorations; said plastic optical fiber bundle produces a light leak effect when a power is turned on and an luminary or a spotlight bulb radiates light; the light is very soft without offending to eyes and can be used for different applications.
2. (currently amended) A plastic optical fiber bundle as ~~cited~~ claimed in claim 1, wherein a connector is installed between two ~~plastic optical fiber bundles~~ with pitched illumination decorations for permanent connection.
3. (currently amended) A plastic optical fiber bundle as ~~cited~~ claimed in claim 1, wherein an illumination structure is installed on each end of said plastic optical fiber ~~bundles with pitched illumination decorations~~ bundle.
4. (currently amended) A plastic optical fiber bundle as ~~cited~~ claimed in claim 3, wherein a luminary or a spotlight bulb is installed in said illumination structure of said plastic optical fiber ~~bundles with pitched illumination decorations~~ bundle.
5. (new) A plastic optical fiber bundle as claimed in claim 1, further comprising a protection sleeve accommodating the plastic optical fiber bundle, wherein the depressions on the plastic optical bundle are randomly orientated.

Docket No. JIIL07
Application No. 10/783,527

6. (new) A plastic optical fiber bundle as claimed in claim 1, wherein the depressions are dot-shaped depressions.
7. (new) A plastic optical fiber bundle as claimed in claim 1, wherein the depressions are “+”-shaped depressions.
8. (new) A plastic optical fiber bundle as claimed in claim 1, wherein the depressions are “-”-shaped depressions.
9. (new) A plastic optical fiber bundle as claimed in claim 1, wherein the depressions are square-shaped depressions.
10. (new) A plastic optical fiber bundle as claimed in claim 1, wherein the depressions are star-shaped depressions.